

CLAIM AMENDMENTS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. Cancelled.

2. (Currently Amended) ~~An improved~~ A protocol adapter for transferring diagnostic signals between having circuitry and programs for in-vehicle networks and a computer, the improvement said adapter comprising:

~~means for indicating activity on a RS232 buss between the adapter and a PC.~~ circuitry for transferring the signals between the in-vehicle networks and the computer for a plurality of different protocols, said circuitry including an RS232 bus for transferring the signals for the plurality of protocols; and

a device for indicating that signals are being transferred between the adapter and the computer on the RS232 bus, said device also indicating which of the plurality of protocols is being used.

3. (Currently Amended) ~~An improved protocol adapter having circuitry and programs for in-vehicle networks~~ The protocol adapter according to claim 2 wherein the device includes means for indicating comprises:

at least one LED to visually indicate activity on a the RS232 bus between the adapter and the computer a PC.

4-9. Cancelled.

10. (New) The protocol adapter according to claim 3 wherein the at least one LED is a plurality of LEDs for indicating which of the plurality of protocols is being used at any given time.

11. (New) The protocol adapter according to claim 10 wherein the plurality of LEDs is 8 LEDs.

12. (New) The protocol adapter according to claim 10 wherein the plurality of LEDs include at least one dual-color LED.